DESCRIPTIVE STATISTICS ON COVID-19

By

S. Lakshmanan, M.Phil.(Psy), M.A.(Psy), PGDBA., DCL.,

Psychologist

Former Counselor cum Project Officer, NYK (Govt. of India), Pondicherry

Descriptive Statistics on COVID-19

Descriptive Statistics: Global

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
Global Affected Daywise	60	60	0	77165	2427	18800	353452704	24.36	4629927
Global Deaths Daywise	60	60	0	5242	269	2082	4334197	39.71	314530
Global Recoverd Daywise	60	60	0	29944	2224	17228	296810354	57.54	1796618

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR	Mode
Global Affected Daywise	3.78124E+11	28366	67258	81947	90793	118389	23535	*
Global Deaths Daywise	1904536328	1153	3677	5179	6575	11849	2898	3609
Global Recoverd Daywise	71309081516	2374	16013	27390	45114	84863	29101	*

Variable	N for Mode	Skewness	Kurtosis
Global Affected Daywise	0	-0.87	0.46
Global Deaths Daywise	2	0.52	0.87
Global Recoverd Daywise	0	0.43	0.13

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: America

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
America Affected Daywise	60	60	0	25245	1146	8876	78778153	35.16	1514686
America Deaths Daywise	60	60	0	1517	129	995	990829	65.60	91047
America Recovered Daywise	60	60	0	5788	832	6443	41513256	111.32	347279

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR	Mode
America Affected Daywise	42885805654	5277	19612	26698	31305	48480	11693	*
America Deaths Daywise	196618201	59	969	1555	2096	6258	1127	*
America Recovered Daywise	4459327189	9	1551	4275	8069	36658	6518	*

Variable	N for Mode	Skewness	Kurtosis
America Affected Daywise	0	-0.32	0.17
America Deaths Daywise	0	1.65	7.43
America Recovered Daywise	0	2.39	8.20

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: China

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
China Affected Daywise	60	60	0	37.30	7.33	56.77	3222.35	152.19	2238.00
China Deaths Daywise	60	60	0	23.1	21.5	166.3	27669.4	719.05	1388.0
China Recovered Daywise	60	60	0	129.5	24.7	191.0	36469.2	147.50	7768.0

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR	Mode	N for Mode
China Affected Daywise	273596.00	1.00	6.00	25.00	46.00	351.00	40.00	1	5
China Deaths Daywise	1664606.0	0.0	0.0	0.0	3.0	1290.0	3.0	0	34
China Recovered Daywise	3157380.0	0.0	0.0	44.5	180.5	730.0	180.5	0	19

Variable	Skewness	Kurtosis
China Affected Daywise	3.93	18.47
China Deaths Daywise	7.74	59.97
China Recovered Daywise	1.72	2.08

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: England

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
England Affected Daywise	60	60	0	3977	289	2236	4997724	56.21	238614
England Deaths Daywise	60	60	0	577.6	79.5	615.6	378996.8	106.57	34659.0
England Recovered Daywise	60	60	0	4.65	3.56	27.60	761.55	593.47	279.00

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR	Mode
England Affected Daywise	1243809716	0	3067	4273	4886	12233	1819	0
England Deaths Daywise	42381583.0	0.0	262.0	556.5	755.0	4419.0	493.0	0
England Recovered Daywise	46229.00	0.00	0.00	0.00	0.00	209.00	0.00	0

Variable	N for Mode	Skewness	Kurtosis
England Affected Daywise	4	0.71	2.72
England Deaths Daywise	5	4.32	25.86
England Recovered Daywise	57	7.17	53.33

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: France

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
France Affected Daywise	60	60	0	3045	517	4004	16028853	131.47	182718
France Deaths Daywise	60	60	0	464.1	46.5	359.9	129501.3	77.54	27846.0
France recovered Daywise	60	60	0	1070.1	90.7	702.3	493199.4	65.63	64203.0

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR
France Affected Daywise	1502133456	0	584	1989	4122	23060	3537
France Deaths Daywise	20563904.0	0.0	221.3	367.0	557.5	1438.0	336.3
France recovered Daywise	97799183.0	0.0	610.8	1061.0	1492.5	3932.0	881.8

Variable	Mode	N for Mode	Skewness	Kurtosis
France Affected Daywise	0	7	3.06	11.96
France Deaths Daywise	112, 367	2	1.26	1.03
France recovered Daywise	0	3	1.05	3.19

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: India

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
India Affected Daywise	60	60	0	1583	181	1403	1968293	88.61	94996
India Deaths Daywise	60	60	0	50.42	5.84	45.23	2045.67	89.71	3025.00
India Recovered Daywise	60	60	0	613	102	791	625105	128.97	36783

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR
India Affected Daywise	266533296	47	469	1277	2543	5243	2073
India Deaths Daywise	273205.00	0.00	9.25	37.00	83.00	194.00	73.75
India Recovered Daywise	59431029	0	30	270	934	3955	903

Variable	Mode	N for Mode	Skewness	Kurtosis
India Affected Daywise	98, 704, 1463	2	0.87	-0.19
India Deaths Daywise	0	4	0.97	0.54
India Recovered Daywise	3	3	1.94	4.72

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: Iran

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
Iran Affected Daywise	45	45	0	1755	107	721	520016	41.10	78957
Iran Deaths Daywise	45	45	0	109.31	4.33	29.05	843.67	26.57	4919.00
Iran Recovered Daywise	45	45	0	1610	168	1125	1266627	69.91	72441

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	Range	IQR
Iran Affected Daywise	161418647	802	1144	1574	2332	3186	2384	1188
Iran Deaths Daywise	574823.00	47.00	88.50	117.00	133.50	158.00	111.00	45.00
Iran Recovered Daywise	172347089	0	825	1464	2018	6482	6482	1194

Variable	Mode	N for Mode	Skewness	Kurtosis
Iran Affected Daywise	*	0	0.67	-0.88
Iran Deaths Daywise	117	3	-0.23	-0.95
Iran Recovered Daywise	0, 712	2	2.19	7.59

Data taken from 21st March 2020 to 4th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: Italy

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
Italy Affected Daywise	60	60	0	3271	305	2362	5581052	72.22	196270
Italy Deaths Daywise	60	60	0	493.1	40.5	313.4	98205.1	63.56	29584.0
Italy Recovered Daywise	60	60	0	2061	165	1278	1633533	62.02	123651

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR
Italy Affected Daywise	971313954	0	1401	3030	4688	12543	3286
Italy Deaths Daywise	20380986.0	0.0	263.8	445.5	648.8	1808.0	385.0
Italy Recovered Daywise	351204617	0	1145	2001	2698	8014	1553

Variable	Mode	N for Mode	Skewness	Kurtosis
Italy Affected Daywise	0	2	1.76	5.22
Italy Deaths Daywise	0, 195, 525, 742	2	1.69	5.05
Italy Recovered Daywise	0, 894, 2747	2	1.89	7.14

Data taken from 21st March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: Pakistan

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
Pakistan Affected Daywise	58	58	0	710.4	85.3	649.3	421581.2	91.39	41205.0
Pakistan Deaths Daywise	58	58	0	15.52	1.92	14.62	213.76	94.22	900.00
Pakistan Recovered Daywise	58	58	0	204.4	30.3	230.5	53137.8	112.76	11857.0

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	Range
Pakistan Affected Daywise	53303441.0	10.0	165.5	499.0	1169.5	2860.0	2850.0
Pakistan Deaths Daywise	26150.00	0.00	4.00	10.00	25.00	59.00	59.00
Pakistan Recovered Daywise	5452795.0	0.0	32.5	159.0	266.3	1066.0	1066.0

Variable	IQR	Mode	N for Mode	Skewness	Kurtosis
Pakistan Affected Daywise	1004.0	106	2	1.08	0.73
Pakistan Deaths Daywise	21.00	7	5	1.22	0.97
Pakistan Recovered Daywise	233.8	0	6	1.78	3.45

Data taken from 23rd March 2020 to 19th May 2020

Descriptive Statistics on COVID-19

Descriptive Statistics: Spain

Variable	Total Count	N	N*	Mean	SE Mean	StDev	Variance	CoefVar	Sum
Spain Affected Daywise	60	60	0	4339	280	2169	4703713	49.98	260344
Spain Deaths Daywise	60	60	0	447.5	32.6	252.7	63862.3	56.47	26851.0
Spain Recovered Daywise	60	60	0	3247	373	2887	8337298	88.92	194842

Variable	Sum of Squares	Minimum	Q1	Median	Q3	Maximum	IQR	Mode
Spain Affected Daywise	1407169040	0	2753	4189	5956	9222	3203	*
Spain Deaths Daywise	15784145.0	0.0	231.3	404.5	664.0	1045.0	432.8	184
Spain Recovered Daywise	1124623994	0	2338	3105	3754	22019	1417	0

Variable	N for Mode	Skewness	Kurtosis
Spain Affected Daywise	0	0.38	-0.59
Spain Deaths Daywise	3	0.40	-0.77
Spain Recovered Daywise	4	4.81	30.85

Data taken from 21st March 2020 to 19th May 2020

THANK YOU